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THE UNITED STATES PATENT AND TRADEMARK OFFICE Group Art Unit 3746

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being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

In re

Patent Application of

Lyon Brad King

Application No. 10/693,127

Confirmation No.: 1822

Filed: October 24, 2003

Examiner: Tae Jun Kim

"THRUSTER APPARATUS AND

METHOD"

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR §1.97(d)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B. A copy of each non-U.S. patent reference is attached.

This Information Disclosure Statement is being submitted subsequent to the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

The undersigned hereby certifies that no item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Attached is a check for \$180 in payment of the fee.

Please charge or credit Deposit Account No. 13-3080 with any shortage or overpayment of the required fee.

Respectfully submitted,

Daniel S. Jones Reg. No. 42,697

File No. 066040-9764-00

Michael Best & Friedrich LLP 100 East Wisconsin Avenue Suite 3300 Milwaukee, Wisconsin 53202-4108 414.271.6560 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known				
				Application Number	10/693,127	OIPE
INFOR	MATION	N DISCL	OSURE	Filing Date	October 24, 2003	4
STATE	EMENT B	SY APPL	ICANT	First Named Inventor	Lyon Brad King	(3 JAN 3 0 2006 \$)
				Group Art Unit	3746	(4)
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Sheet	1	of	1	Attorney Docket Number	066040-9764-00	PADEMARK

U.S. PATENT DOCUMENTS					
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document		
	3,359,733	S.G. Forbes	12/26/1967		

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract	

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449B/PTO			Complete if Known			
				Application Number	10/693,127	OIPE
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			OSURE	Filing Date	October 24, 2003	4
			ICANT	First Named Inventor	Lyon Brad King	1 2
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	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	Kerslake, W. R. and Ignaczak, L.R., "Development and Flight History of SERT II Spacecraft," Prepared for the AIAA/SAE/ASME/ASEE 28th Joint Propulsion Conference and Exhibit, July 6-8, 1992, Nashville, TN, pp. 1-50.
	Trofimov, A.V., "Hall Accelarator with Cadmium Vapor," Sov. Phys. Tech. Phys. 22(10), October 1977, pp. 1280-1281.
	Gnedenko, V.G., Petrosov, V.A., and Trofinov, A.V., "Prospects for Using Metals as Propellant in Stationary Plasma Engines of Hall-Type," IEPC Proceedings of the 24th International Electric Propulsion Conference, Moscow, Russia, September, 1995, Vol. 1, pp. 399-403.
	Meyer, R.X., "Laboratory Testing of the Space-Charge-Sheath Electric Thruster Concept," J. Spacecraft 7(3), March 1970, pp.251-255, accompanied by a Statement of Relevance.
	Meyer, R.X., "Laboratory Testing of the Space-Charge-Sheath Electric Thruster Concept," Paper No. 69-282 at the AIAA 7th Electric Propulsion Conference, Williamsburg, VA., March 3-5, 1969, pp. 1-6.
	Meyer, R.X., "A Space-Charged-Sheath Electric Thruster," AIAA Journal 5(11), November 1967, pp. 2057-2059; presented as Paper 66-927 at the AIAA Third Annual Meeting, Boston, Mass., November 29 – December 2, 1966.

Examiner	Date	
Signature	Considered	

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